Index of Claims

,	App	lication	/Control	No.

Applicant(s)/Patent under Reexamination

10/727,527 Examiner

KOBAYASHI ET AL. Art Unit

Dennis M. Butler

2115

Rejected **Allowed** 

(Through numeral) Cancelled Restricted

Non-Elected N Interference

**Appeal** Α 0 **Objected** 

Cla	im	Date													
l Cla															
Final	Original	9/19/06						į							
	1	√	<u> </u>		<b>ऻ</b> ं				$\vdash$	$\vdash$					
	1 2 3 4 5 6 7	7					Γ								
	3	П													
<u> </u>	4	Ц	_												
	5	Ш	匚	<u> </u>		L	_								
	6	Ц			_		<u> </u>	<u> </u>							
	7	J		_	<u> </u>	<b> </b>	<u> </u>			<u> </u>					
<u> </u>	8	V	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_		_					
	10	ľ		⊢	⊢	-	H	-		⊢					
<del></del>	11			┢	⊢	├-	-		-	┝					
<b></b>	12	<del>                                     </del>		$\vdash$	-	$\vdash$	$\vdash$	$\vdash$	<del> </del>	├					
<u> </u>	13	$\vdash$	<del> </del>		$\vdash$		$\vdash$	$\vdash$	-	┢═					
<u> </u>	14	$\vdash$	<del>                                     </del>	$\vdash$	<del> </del>	<del> </del>		$\vdash$	$\vdash$	<del>  -</del>					
	15	<u> </u>		$\vdash$	<del>                                     </del>			$\vdash$		T					
	16		_	Ι-		Г	Τ		H	Г					
	17	Г					Г		Г						
	8 9 10 11 12 13 14 15 16 17 18 19 20 21		L				Ŀ								
	19		$oxed{oxed}$												
	20	_	L.												
	21		L_		L.	<u> </u>			$ldsymbol{ld}}}}}}$						
	22				_			_	_						
	23	ļ	_			_		_							
	24	ļ. <u>.</u>	_	_				_							
	25	<u> </u>		_		<u> </u>		$\vdash$							
$\vdash$	20		_	<del> </del>		H	-		_	_					
	28		$\vdash$						$\vdash$						
$\vdash$	29		┢		$\vdash$			-	$\vdash$						
	25 26 27 28 29 30			┝		$\vdash$	_	-	$\vdash$						
	31	_		$\vdash$	_			$\vdash$							
	32		Г	┢				$\vdash$	Г						
	33			Г				П							
	33 34 35														
	35			<u> </u>											
	36 37			L											
ļ	37	<u> </u>				L_	_	Ш							
<u> </u>	38			L_				$ldsymbol{ldsymbol{eta}}$							
	39		L.			oxdot			_						
	40	$\vdash$	L	_	$\vdash$	$\vdash$	_	_		<u> </u>					
$\vdash \dashv$	41 42		-	-	<u> </u>		H	_	<u> </u>	Н					
	43	$\vdash$	H	H	$\vdash$	$\vdash$		$\vdash$	_	$\vdash$					
$\vdash$	43					-			$\vdash$	Н					
$\vdash$	45	<b>—</b>		H	$\vdash$	$\vdash$		-	-	Н					
Н	46			Η-				$\vdash$	-	$\vdash$					
$\vdash$	47	-		-				$\vdash$	-	$\vdash$					
Н	48			$\vdash$	-	-		_	-	$\vdash$					
	49									Н					
$\vdash$	50		_	$\vdash$	М				_	Н					

Cla	aim	Date													
				Г	Г			Γ							
Final	Original														
	51						_								
[ ]	52														
	53														
	54			1-	_	<del>                                     </del>				┢					
	55	┝	-	$\vdash$	-	┢═	-	-		┢					
_	56	H	-	$\vdash$	-	$\vdash$	$\vdash$	├-	_	-					
-	57	$\vdash$	-	┢	_	$\vdash$	$\vdash$	-	_						
-	58	-	-	┢	<del> </del>	┝	├	$\vdash$	-	$\vdash$					
}	59	├─	-	-		$\vdash$	├	┢		┝					
$\vdash$	60	$\vdash$	-	├	$\vdash$	$\vdash$	⊢	┝	-						
-	61	-		┢	┝	┝		⊢	_	$\vdash$					
-	62	-	-	$\vdash$	⊢	-	<u> </u>	<u> </u>		┝					
-	63	-	H	$\vdash$	-	⊢	-	├	-	⊢					
-	64	⊢	┝	$\vdash$	⊢	_	<u> </u>	<u> </u>	_	$\vdash$					
<b>├</b>	64	<u> </u>	<u> </u>	_	<u> </u>	_	<u> </u>	<u> </u>	L	<u> </u>					
	65	ļ	<u> </u>	_	<u> </u>		<u> </u>	<u> </u>		ļ					
	66	<u> </u>	<u> </u>					ļ	_						
<u> </u>	67	L	L			_			_	<u></u>					
ļ	68		<u> </u>	_					_	L					
<u> </u>	69	<u> </u>	<u> </u>				L		<u> </u>						
	70	<u> </u>	<u> </u>	_			_	_	<u> </u>						
<u> </u>	71	L					_	L_							
	72		_	L_											
	73	_		L											
	74	<u> </u>	_	_	_				<u> </u>						
ļ	75	L	_	<u> </u>		ļ.,			<u> </u>	_					
<u> </u>	76 77		<u> </u>	<u> </u>					<u> </u>						
-	77			<u> </u>					<u> </u>	L					
-	78		_					_	<u> </u>						
<b> </b>	79			<u> </u>	_	_									
	80			_					L						
<b>├</b>	81			_					<u> </u>						
ļ	82			<u> </u>	_				L						
	83	<u> </u>		_	$\vdash$	<u> </u>		L	<u> </u>						
_	84	<u> </u>	<u> </u>	_		Щ			<u> </u>	L					
<u> </u>	85	الل	L	<u> </u>		Ш	Щ.	<u> </u>	<u> </u>	<u> </u>					
<u> </u>	86	<u> </u>	<u> </u>			Ш		Щ.	$\vdash$						
<u> </u>	87	<u> </u>	_	_	$\vdash$	<u> </u>	<u> </u>	L.	<u> </u>	_					
-	88	<u> </u>	Щ.	<u> </u>	<u> </u>	$\vdash$		L.,	<u> </u>	L.					
	89	<b>-</b>	_	<u> </u>	Щ		<u> </u>	L	·	L_					
<u> </u>	90		_	L	<u> </u>	_			L						
	91	$\vdash$	<u> </u>		ļ	_									
-	92	Ш	<u> </u>	$\vdash$	$\vdash$	<b></b>	<u> </u>	_	<u> </u>	<u> </u>					
	93		Щ.	Ш	Щ	<b>-</b>	<u> </u>	$\vdash$	<u> </u>	_					
	94	$\vdash$	Ш	$\vdash$	$\vdash$	$\vdash$	<u> </u>	Ь.	<u> </u>	<u> </u>					
	95		<u> </u>	<u> </u>		<u> </u>	_		$\vdash$	<u> </u>					
	96		<u> </u>	⊢-	$\vdash$		_		$\vdash$	<u> </u>					
<u> </u>	97	_	$\vdash$	$\vdash$	$\vdash$	_		<u> </u>	<u> </u>	_					
-	98	_	<u> </u>	<u> </u>	-		<u> </u>	$\vdash$	$\vdash$	<u> </u>					
-	99 100	$\vdash$	$\vdash$	$\vdash$	$\vdash$	-			-	-					
1	11.31.3														

Clair	n	Date				]	Claim Date								Cla		Date																	
_	ੂਰ	او								_			<u>—</u>							$\cdot \top$		$\neg$	ſ				$\Box$							
<u> </u>	igi	9/19/06										Final	gi											Final	E I		ļ							
-	Original	9/1			l							፲፫	Original											iΞ	Original									ļ
-				_	⊢	-	$\vdash$	L	$\square$		1	ļ		$\mid \perp \mid$		Ш	Щ		_	_	$\dashv$	_	-								Ш			[
+	1	1			$\vdash$	$\vdash$	<del>  -</del>		$\sqcup$			<u> </u>	51	$\sqcup$		Ш	$\sqcup$	_		4	_	_	ļ		101	_	_4		$\vdash$		$\Box$		_	
+	2	$\mathbf{H}$		-	$\vdash$	$\vdash$	<del>  -</del>	<del> </del>	$\vdash$		l	<u> </u>	52	$\vdash \vdash$			$\vdash \vdash$	_	$\dashv$	$\dashv$	4	4	-		102				$\vdash$		<u></u>		_	
	3	$\mathbb{H}$		├-	$\vdash$	$\vdash$	<u> </u>	-	$\vdash\vdash$		ł	<u> </u>	53 54	$\vdash$		Н	$\vdash$	_			-	_	-		103	$\dashv$	_	_	Н			_	4	
	5	+H		⊢	├	├-		-	$\vdash$		ł		55	$\vdash$	_	$\vdash$	-				$\dashv$	-	-		104	$\dashv$	-				_	$\dashv$	_	_
	6	H	_	$\vdash$	$\vdash$	$\vdash$	-	$\vdash$	$\vdash\vdash$				56	$\vdash$	-	Н	$\vdash$	_	-	-	-	$\dashv$	-		105 106				$\vdash$	$\vdash$				$\dashv$
+	7	H			$\vdash$	$\vdash$	-	$\vdash$	H			<del> </del>	57	$\vdash$		Н	$\vdash \vdash$	-	-	$\dashv$	$\dashv$	$\dashv$	-		106				$\vdash$				-	$\dashv$
+	8	V		$\vdash$	一	╁╾		$\vdash$	$\vdash$	_	1		58	$\vdash$	-	$\vdash$	Н		$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\vdash$		107	$\dashv$	-		Н		$\vdash$	$\dashv$	$\dashv$	$\dashv$
	9	7	_		╁	╁╌	-		Н		1	<del> </del>	59	$\vdash$	-	Н	$\vdash$	$\dashv$	$\dashv$	-	$\dashv$	-	⊦		109				Н					$\dashv$
	10			-	$\vdash$	I			Н		ĺ	$\vdash$	60	$\vdash$		Н	$\vdash \vdash$	$\dashv$	$\dashv$	$\dashv$	-	$\dashv$	H		110	$\dashv$			$\vdash$			-		$\dashv$
	11			T	F	$t^-$			$\Box$	_	1	<del> </del>	61	$\vdash \vdash$	-	H	$\vdash$		-	-	$\dashv$	$\dashv$	卜		111	$\dashv$	-		$\vdash$		$\vdash$			$\dashv$
	12				$\vdash$	T			H		1	<u> </u>	62	$\vdash$		Н	$\vdash$	$\neg$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	上		112	$\dashv$	$\dashv$		Н	$\vdash$		$\dashv$		$\dashv$
	13				Г	T			П	_	1		63	$\vdash$		П	$\vdash$	$\neg$	$\dashv$	1	1	$\dashv$	卜		113	$\dashv$	_		Н		$\vdash$	$\dashv$	$\dashv$	$\dashv$
	14		-		Γ	<u> </u>			$\Box$		1		64	П		$\Box$	$\sqcap$	ᅦ	$\dashv$	寸	1	$\dashv$	ŀ		114	_	1		H			1		$\dashv$
	15				Γ				П		1		65	П			$\neg$		$\dashv$	T	ヿ	$\dashv$	ı		115	1	7		П			T		ヿ
	16												66				П	$\exists$	$\neg$	寸	$\dashv$	$\neg$	Ī		116	$\neg$	一		П					ᅱ
	17												67						_				Ī		117	$\neg$	一							
	18			L			·						68								$\Box$		Γ	1	118									
	19								Ш				69	Ш						$\Box$					119		二							
13	20			L_	<u> </u>	<u> </u>		Ш	Ш				70	Ш						$\Box$	$\Box$	$\Box$			120		$\Box$					$\Box$		
	21	_		L	L.	<u> </u>	Ш		Ш				71	$\sqcup$	_		Щ		_	[		_	Ĺ	]	121	$\Box$						]		]
4	22	$\dashv$		_	<u> </u>		Щ		$\sqcup$				72	Ш			$\sqcup$	_	ļ	[	_	_	L		122		[		Щ					
	23			_		<u> </u>	Щ	<u> </u>					73	$\square$	_		L.		_	_	4	_	-		123	_	_		Щ			_		_
-	24		_	_	<del> </del>	<u> </u>	Н	$\vdash$					74	Ш			<b>-</b>	_	_	_	_	_	-		124	_			Щ				_	
-+	25 26	-		-	-	├—	Н	$\vdash$	$\vdash \vdash$			ļ	75 76	$\vdash \vdash$							-	4	-		125				$\vdash$			_		_
+:	26 27	-	_		-	H	<u> </u>	$\vdash$	$\vdash \vdash$				76	H	-			-		$\dashv$	-+		-		126	$\dashv$	-		Ш		$\dashv$	_	4	$\dashv$
	28	$\dashv$	-	_	<del> </del>	H		$\vdash$	$\vdash$				77	$\vdash$	$\dashv$					$\dashv$	$\dashv$		-		127		$\dashv$		Н	$\vdash$			-	-
+	20 29	-	_		$\vdash$	$\vdash$		$\vdash$	$\vdash$			-	78 79	$\vdash$	$\dashv$			$\dashv$	$\dashv$	$\dashv$	$\dashv$		ŀ		128 129		$\dashv$		Н		_	$\dashv$		$\dashv$
	30	$\dashv$	-	_	$\vdash$		$\vdash$	$\vdash$	$\vdash$	_		-	80	$\vdash$	$\dashv$	-		$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	ŀ		130				$\vdash$	$\vdash$			-	
	31	-	_	—	-	$\vdash$	Н	$\vdash$				<b></b>	81		$\dashv$	-	$\dashv$	$\dashv$		-+	$\dashv$	$\dashv$	ŀ		131	+			Н		-	$\dashv$	$\dashv$	$\dashv$
<del>                                     </del>	32	$\dashv$	-	-	$\vdash$		H	$\vdash$	$\vdash$	_			82	$\vdash$	$\dashv$	-	-	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	ŀ		132	-			$\vdash$	$\vdash$			$\dashv$	
	33	$\dashv$		_			H	H	$\vdash$	_		<u> </u>	83	$\vdash$	-	-		-	$\dashv$	$\dashv$	$\dashv$	$\dashv$	ŀ		133		$\dashv$		H	-	$\dashv$			
1	34				$\vdash$			Н	$\vdash$	-			84		$\dashv$	$\vdash$	$\dashv$		_	$\dashv$	+	$\dashv$	l		134	+	_	-	$\vdash$	-	-	一		$\dashv$
1	35			_		П	П	М		_			85		ᅥ			一	_	$\dashv$	1		十		135	_	_		Н		$\dashv$	一	一	$\dashv$
7	36		$\neg$				П	П	$\sqcap$	_			86	Ħ		$\dashv$				$\dashv$		$\dashv$	1		136	一	ᅱ		Н	$\Box$	$\neg$	$\dashv$	$\dashv$	$\dashv$
;	37								П				87	Ħ	$\neg$					$\dashv$	寸	$\dashv$	r		137		$\dashv$		М	$\Box$	$\neg$	$\dashv$	$\neg$	$\neg$
	38_												88	$\Box$							1	$\exists$	ı		138									$\neg$
	39									_			89										Ī		139		$\Box$							
	40					匚				_	l		90										Γ		140									
4	11												91												141									
_   4	12						Ш		Ш				92					$\Box$		$\Box$	$\Box$			I	142									
	13						Ш	Ш	Ш				93					]		$\Box$	$\Box$				143		$\bot$							
4	14	_	_		$\vdash$	Щ	Щ	Ш	Ш				94	Ш	[	Ц	$\Box$		$\perp$	$\perp$	$\perp$	$\Box$	Ĺ		144	.			Ш					
4	15	_	_		_	Щ	Ш	Ш	$\sqcup$	_			95	Ш	_	$\Box$			_	$\dashv$	$\perp$	_	L		145				Ш					_
4	16		_		<b> </b>	Щ	Ш	Ш	$\sqcup$				96		_				_		_	_	L		146		_		Щ		_			
	17	_	4			_	Ш	Ш	$\sqcup$	_			97	$\sqcup$	_	_			_	_	_	_	L		147	_	_		Ш		_	_		_
-   4	18	_		_		Н	Н	_	$\vdash \vdash$				98	$\square$	_	4	$\dashv$	_	_	$\dashv$	$\dashv$	$\dashv$	ŀ		148			_	Ш		_	_	_	_
+	19	-	$\dashv$	_		<u> </u>	H	Ш	$\vdash \vdash$				99	$\sqcup$	_	_			_	4	_	_			149		-		Ш			_	-	$\dashv$
:	50				L_	<u> </u>			Ш				100				$\Box$						L		150	$\perp$								$_{\perp}$